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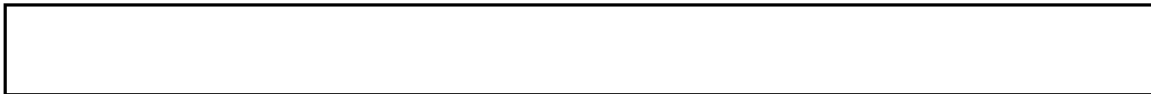
PHOTOGRAPHIC INTELLIGENCE REPORT

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KAZAN AIRCRAFT ENGINE PLANT NO 16

KAZAN, USSR

Declass Review by NGA



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CIA/PIR 65013

DATE AUGUST 1965

COPY 38

PAGES 4

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GROUP 1
Excluded from automatic
downgrading and declassification

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KAZAN AIRCRAFT ENGINE PLANT NO 16 KAZAN, USSR

Kazan Aircraft Engine Plant No 16 (BE No [redacted]) is located at 55-51-28N 49-06-30E in the northern suburbs of Kazan, USSR (Figure 1). The plant is approximately 1 nautical mile southwest of Kazan Airfield North [redacted] and is both road and rail served. Immediately to the east of Plant No 16 is Kazan Airframe Plant Gorbunov No 22 [redacted].

When observed on [redacted] photography of [redacted] Kazan Aircraft Engine Plant No 16 contained approximately 2,027,030 square feet of floorspace (Figure 2). A comparison of

this photography with [redacted] photography of [redacted] reveals additions totaling approximately 218,025 square feet (Figures 2 and 3). These additions bring the total amount of floorspace as of [redacted] to 2,245,055 square feet.

New construction since [redacted] includes a machine shop/subassembly building (item 7, Figure 3), a machine shop (item 9), and an addition of 43,125 square feet to the shop/engineering building (item 3). The construction of the machine shop/subassembly building (item 7) was underway in [redacted].

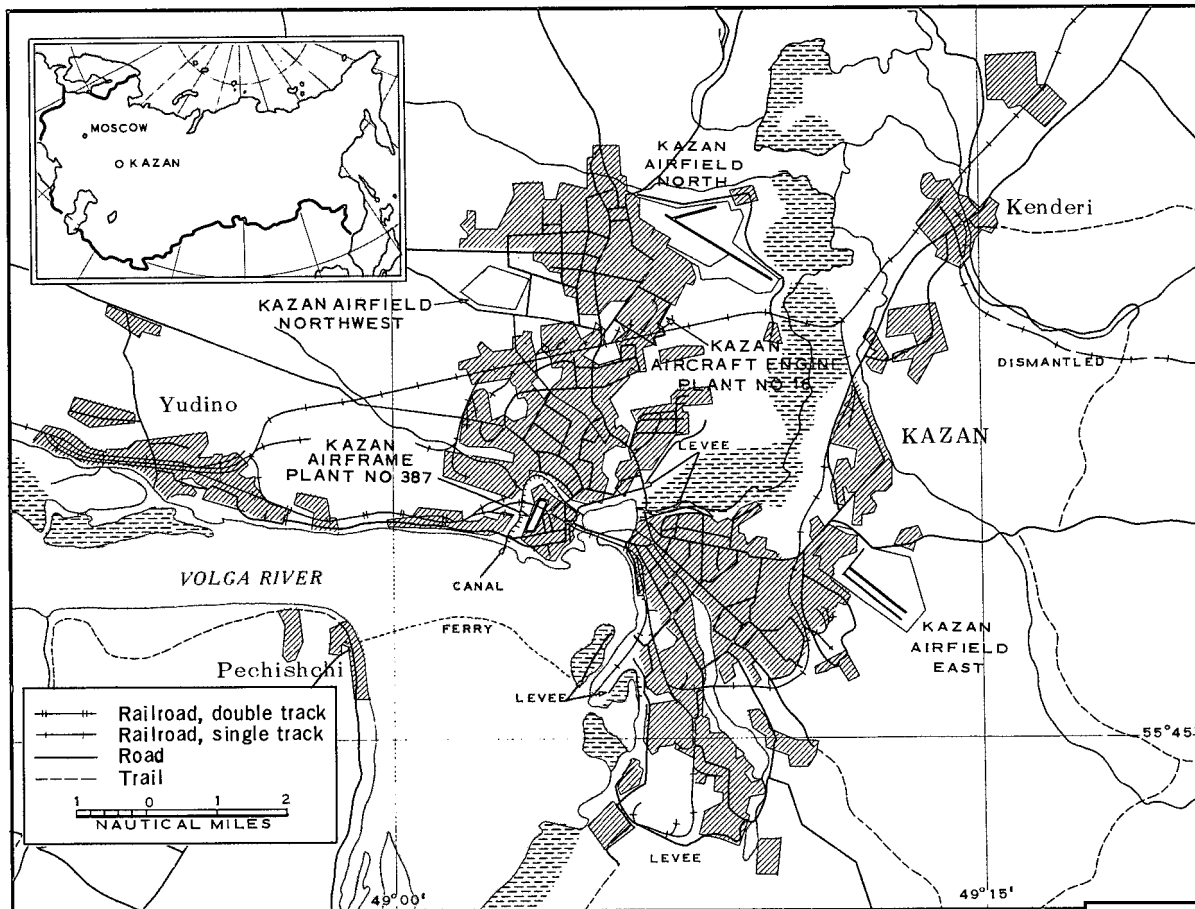


FIGURE 1. LOCATION MAP.

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FIGURE 2. KAZAN AIRCRAFT ENGINE PLANT NO 16.

Table 1. Descriptions and Dimensions of Structures in the Kazan Aircraft Engine Plant No 16 (Item numbers are keyed to Figure 3)

Item	Description	Dimensions*			Floorspace (sq ft)	Volume (cu ft)
		Length	Width	Height		
		(feet)				
1	Machine shop/assembly building					
2	Engine assembly/test building	Irregular			205,100	7,335,400
3	Shop/engineering building	Irregular			112,410	5,620,500
4	Machine shop					
5	Machine shop/subassembly building					
6	Possible forge/foundry building	Irregular**			33,000	825,000
7	Machine shop/subassembly building	390 x 335 x 45**			130,650	5,040,750
8	Machine shop/storage building	1,135 x 155 x 45			169,625	7,423,875
9	Machine shop					
10	Shop/Engineering building					
11	Workshop					
	Subtotal:				2,097,055	83,605,585
	Other shops				25,800**	324,500**
	Other storage/support buildings				122,200**	1,303,500**
	Total:				2,245,055	85,233,585

*All dimensions are approximate and were calculated by photogrammetrists in NPIC/TID except as indicated.

**Measurement (s) made by IAD/IB analyst.

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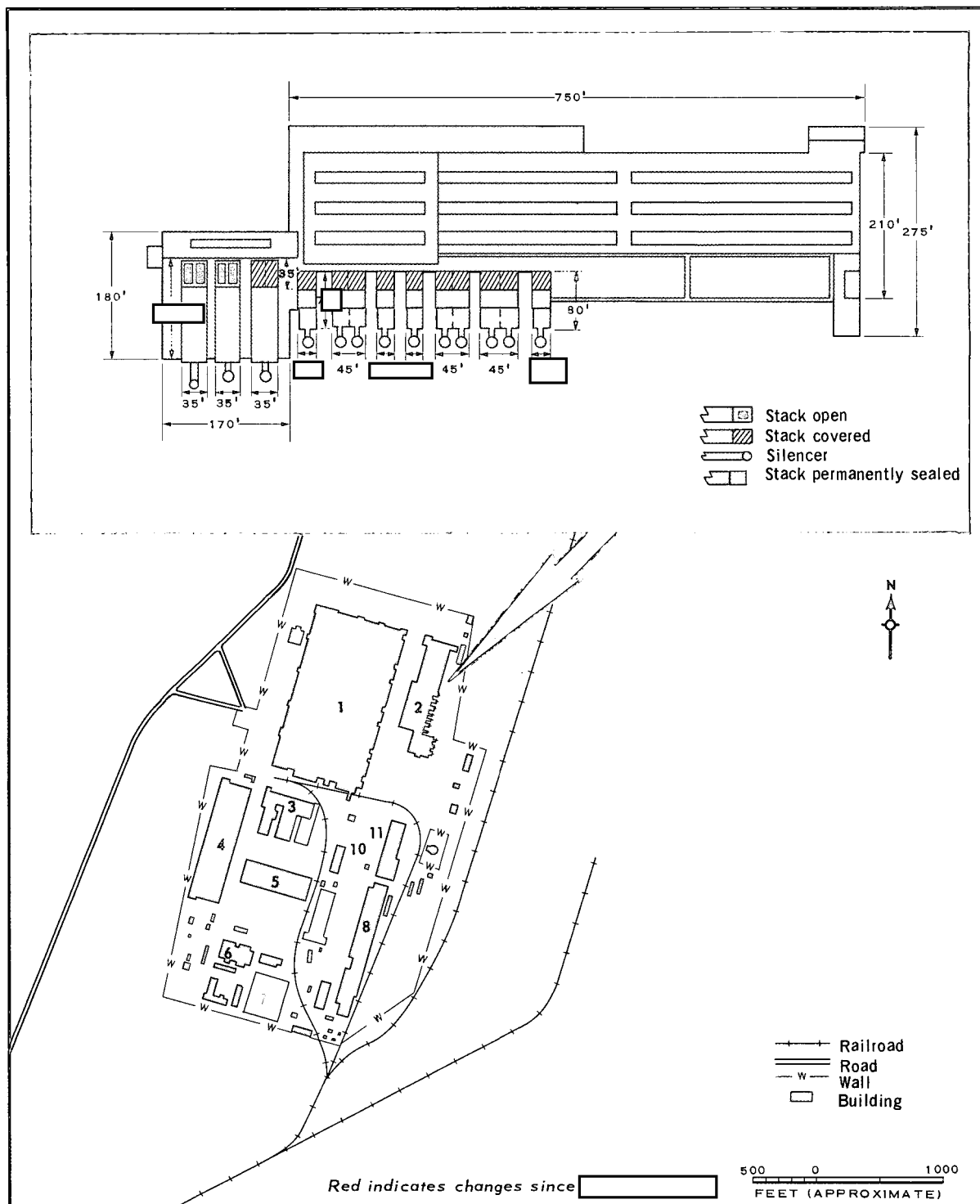


FIGURE 3. KAZAN AIRCRAFT ENGINE PLANT NO 16 AND PLAN VIEW OF ENGINE ASSEMBLY/TEST BUILDING. (Item numbers are keyed to Table 1.)

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[] and was complete by [] The machine shop (item 9) was under construction by [] and was complete by [] Construction of the addition to the shop/engineering building (item 3) was underway in [] and was complete by []

A detailed plan view of the engine assembly/test building (item 2) is presented on Figure 3. Originally, 3 of the test cells of this building

were L shaped, the others were U shaped, and one of the L-shaped cells was equipped with a silencer. By [] however, the U-shaped test cells appeared to have been converted to L-shaped cells, and all the test cells had been equipped with silencers (Figure 3).

Descriptions and dimensions of the principal structures contained in this plant are presented in Table 1 which is keyed to Figure 3.

REFERENCES

PHOTOGRAPHY

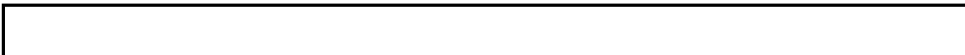


MAPS OR CHARTS

ACIC. US Air Target Mosaic, Series 25, Sheet 0165-9999-2-25MA (prov), 3d ed, Jun 65, scale 1:25,000 (SECRET)

SAC. US Air Target Chart, Series 200, Sheet 0165-1AL, 2d ed, Mar 61, scale 1:200,000 (SECRET)

RELATED DOCUMENT



REQUIREMENT

CIA. C-RR4-81,348 (Revised)

PROJECT

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